

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090222\
 Data File : VY010306.D
 Acq On : 03 Sep 2022 03:22
 Operator : KP/MD
 Sample : N4379-12
 Misc : 5.47g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-06-9.5-11

Quant Time: Sep 03 06:12:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090222S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 02 16:41:46 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

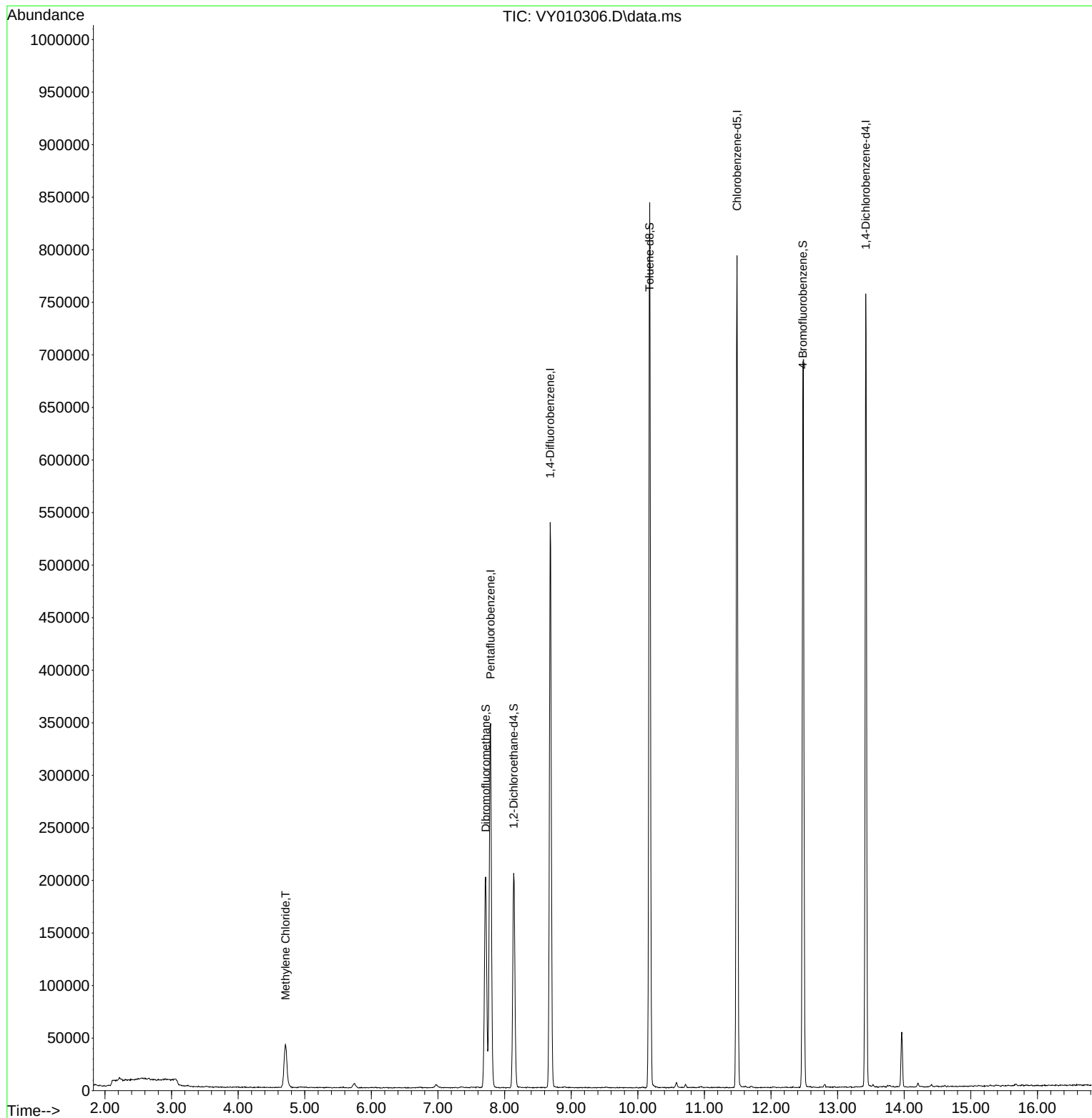
Internal Standards						
1) Pentafluorobenzene	7.789	168	277926	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	467694	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	435406	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	200263	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	161990	56.842	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.680%
35) Dibromofluoromethane	7.716	113	142109	45.642	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	91.280%
50) Toluene-d8	10.179	98	556121	53.349	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	106.700%
62) 4-Bromofluorobenzene	12.477	95	193517	45.828	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	91.660%
Target Compounds						
20) Methylene Chloride	4.710	84	31020	9.023	ug/l	Qvalue 93

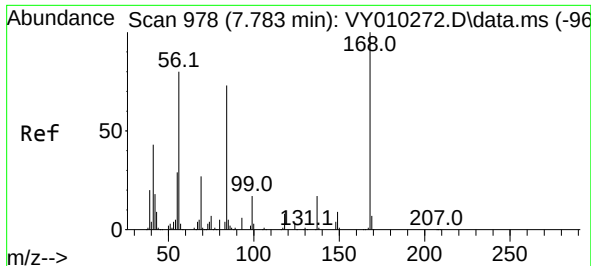
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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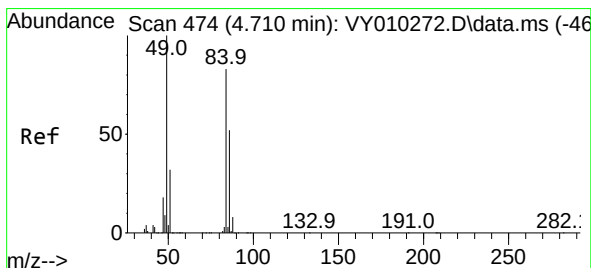
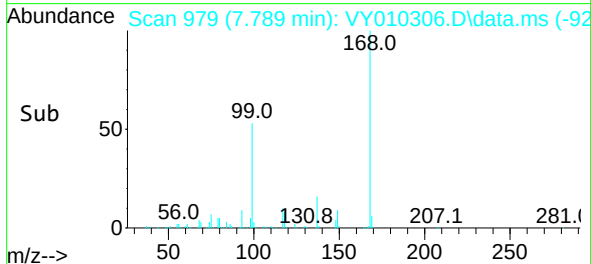
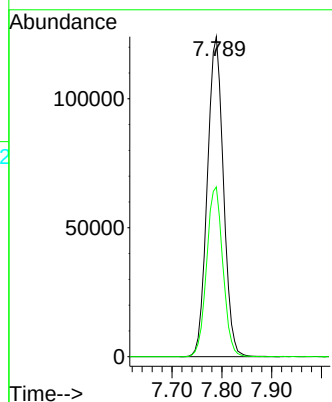
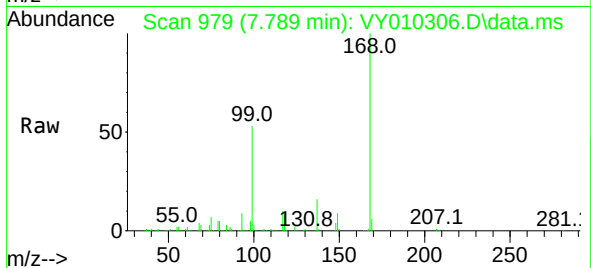




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY010306.D
Acq: 03 Sep 2022 03:22

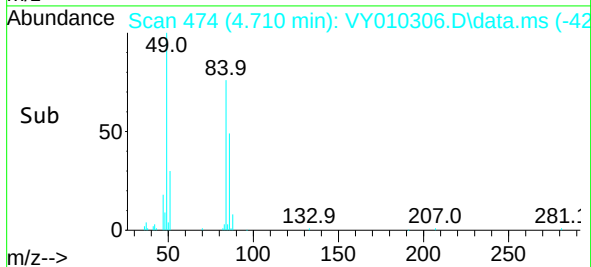
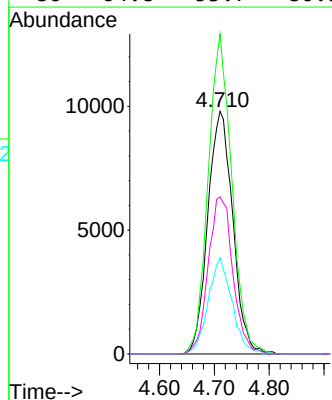
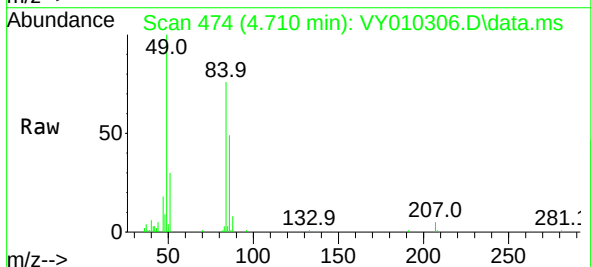
Instrument :
MSVOA_Y
ClientSampleId :
SB-06-9.5-11

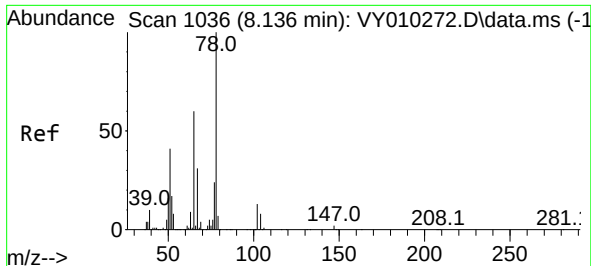
Tgt Ion:168 Resp: 277926
Ion Ratio Lower Upper
168 100
99 53.1 46.9 70.3



#20
Methylene Chloride
Concen: 9.023 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY010306.D
Acq: 03 Sep 2022 03:22

Tgt Ion: 84 Resp: 31020
Ion Ratio Lower Upper
84 100
49 131.9 114.4 171.6
51 39.6 35.3 52.9
86 64.8 53.7 80.5





#33

1,2-Dichloroethane-d4

Concen: 56.842 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY010306.D

Acq: 03 Sep 2022 03:22

Instrument :

MSVOA_Y

ClientSampleId :

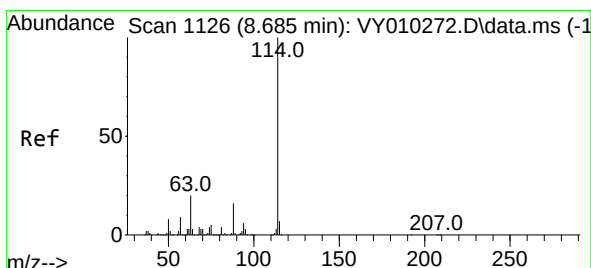
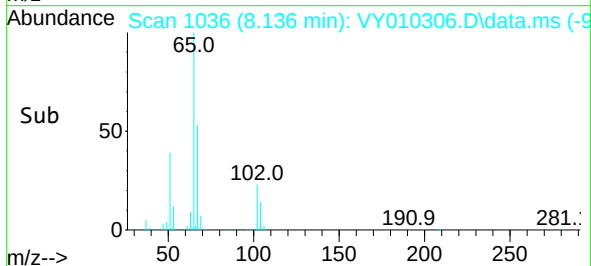
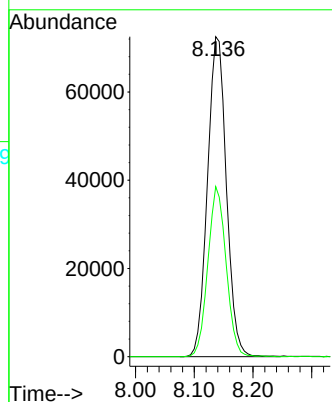
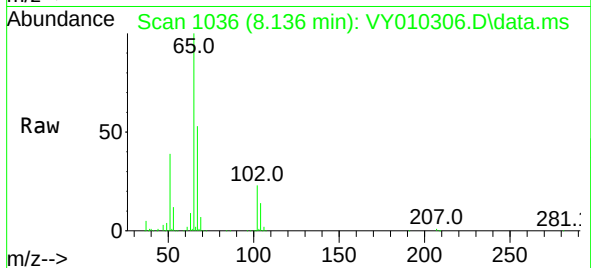
SB-06-9.5-11

Tgt Ion: 65 Resp: 161990

Ion Ratio Lower Upper

65 100

67 51.3 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY010306.D

Acq: 03 Sep 2022 03:22

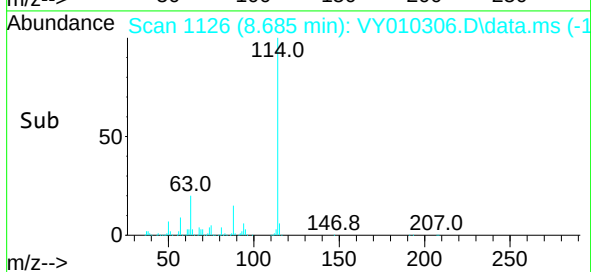
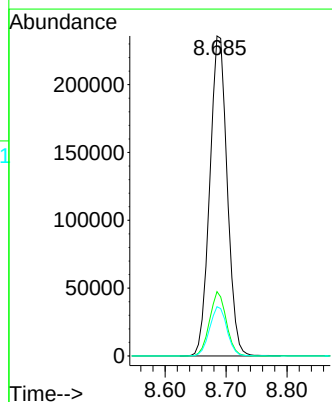
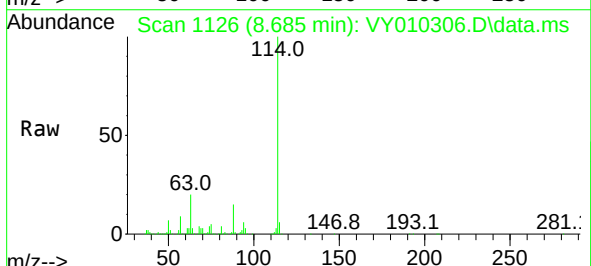
Tgt Ion: 114 Resp: 467694

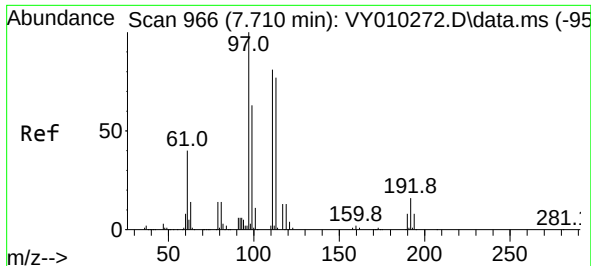
Ion Ratio Lower Upper

114 100

63 20.1 0.0 43.2

88 15.4 0.0 31.8

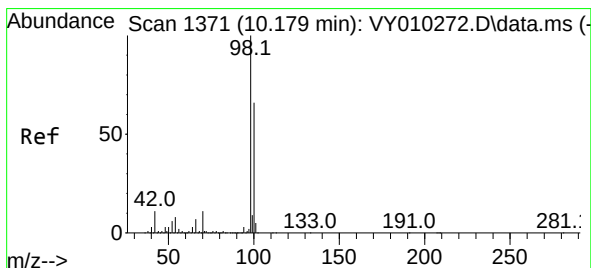
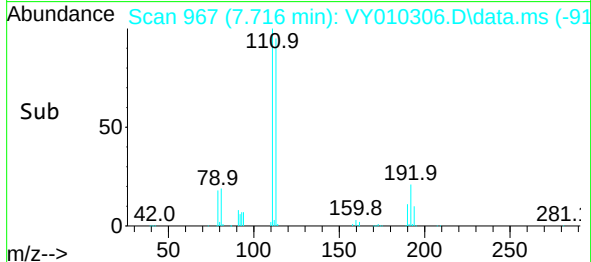
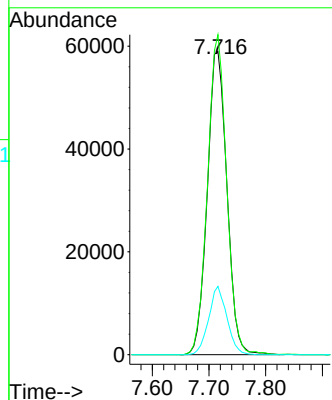
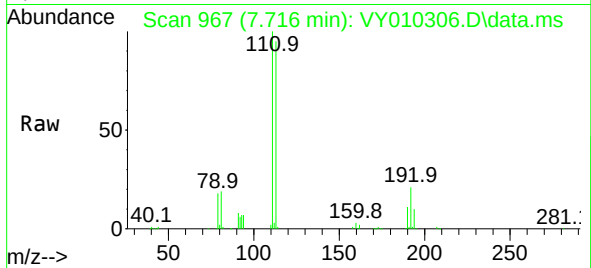




#35
Dibromofluoromethane
Concen: 45.642 ug/l
RT: 7.716 min Scan# 966
Delta R.T. 0.006 min
Lab File: VY010306.D
Acq: 03 Sep 2022 03:22

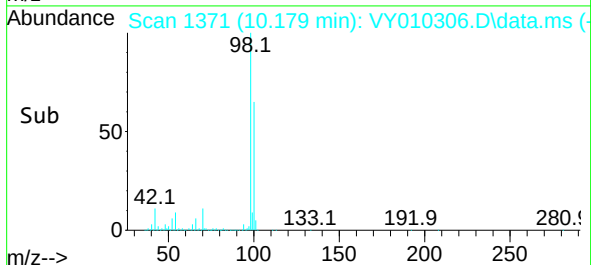
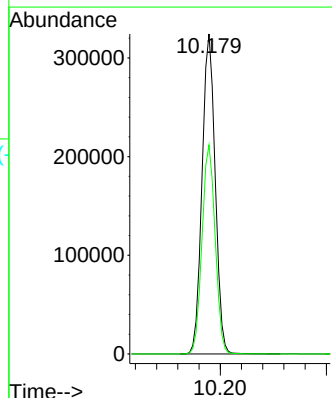
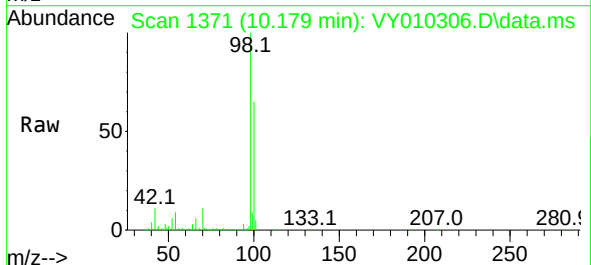
Instrument :
MSVOA_Y
ClientSampleId :
SB-06-9.5-11

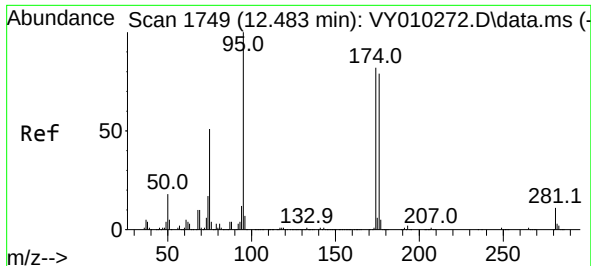
Tgt Ion:113 Resp: 142109
Ion Ratio Lower Upper
113 100
111 102.7 82.6 124.0
192 20.9 17.6 26.4



#50
Toluene-d8
Concen: 53.349 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY010306.D
Acq: 03 Sep 2022 03:22

Tgt Ion: 98 Resp: 556121
Ion Ratio Lower Upper
98 100
100 65.3 50.2 75.2

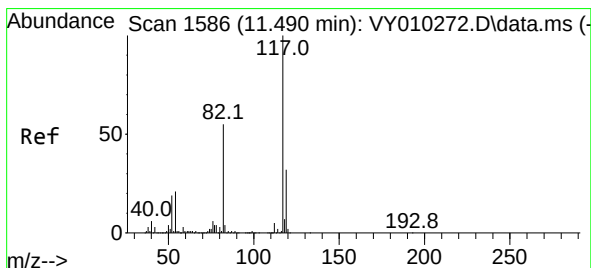
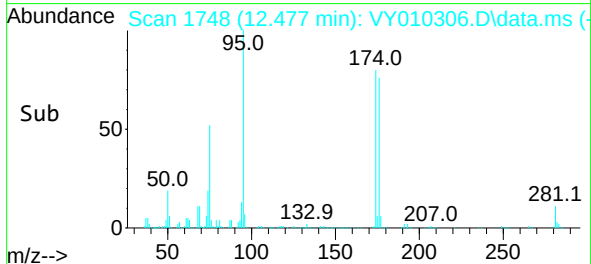
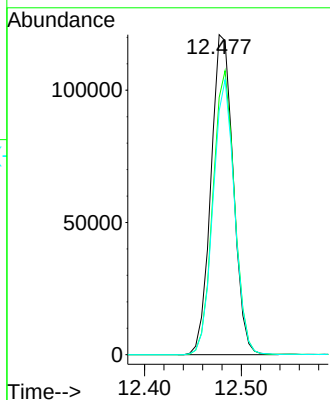
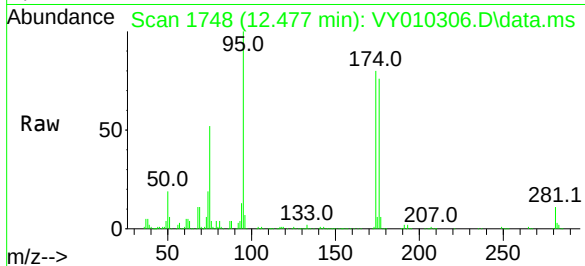




#62
4-Bromofluorobenzene
Concen: 45.828 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY010306.D
Acq: 03 Sep 2022 03:22

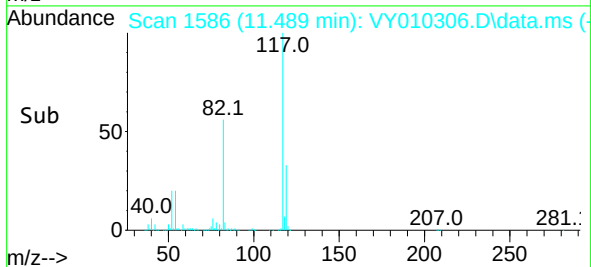
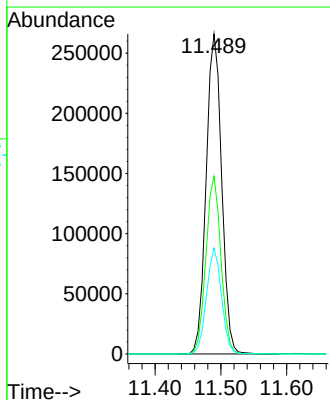
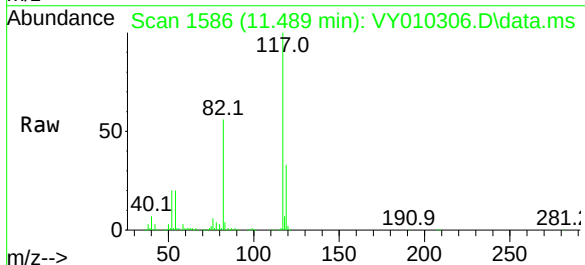
Instrument :
MSVOA_Y
ClientSampleId :
SB-06-9.5-11

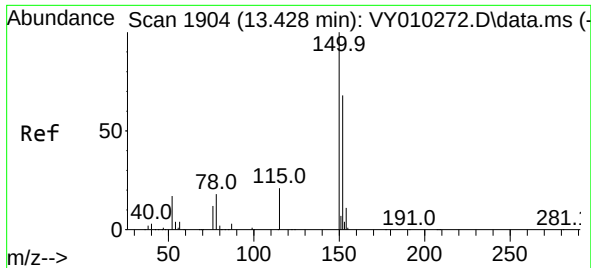
Tgt Ion: 95 Resp: 193517
Ion Ratio Lower Upper
95 100
174 86.1 0.0 177.0
176 82.8 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY010306.D
Acq: 03 Sep 2022 03:22

Tgt Ion: 117 Resp: 435406
Ion Ratio Lower Upper
117 100
82 55.5 43.0 64.4
119 33.1 25.4 38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.006 min
 Lab File: VY010306.D
 Acq: 03 Sep 2022 03:22

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-06-9.5-11

Tgt Ion:152 Resp: 200263

Ion	Ratio	Lower	Upper
152	100		
115	57.9	28.2	84.7
150	155.3	0.0	347.6

